

Pedro Cabrera

List of Publications by Year in descending order

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17
papers

558
citations

840728

11
h-index

996954

15
g-index

18
all docs

18
docs citations

18
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of measure-correlate-predict (MCP) methods used to estimate long-term wind characteristics at a target site. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 27, 362-400.	16.4	108
2	Smart renewable energy penetration strategies on islands: The case of Gran Canaria. <i>Energy</i> , 2018, 162, 421-443.	8.8	87
3	Preliminary experimental analysis of a small-scale prototype SWRO desalination plant, designed for continuous adjustment of its energy consumption to the widely varying power generated by a stand-alone wind turbine. <i>Applied Energy</i> , 2015, 137, 222-239.	10.1	67
4	Wind-driven SWRO desalination prototype with and without batteries: A performance simulation using machine learning models. <i>Desalination</i> , 2018, 435, 77-96.	8.2	53
5	Artificial neural networks applied to manage the variable operation of a simple seawater reverse osmosis plant. <i>Desalination</i> , 2017, 416, 140-156.	8.2	50
6	Comparison of feature selection methods using ANNs in MCP-wind speed methods. A case study. <i>Applied Energy</i> , 2015, 158, 490-507.	10.1	37
7	Large-scale optimal integration of wind and solar photovoltaic power in water-energy systems on islands. <i>Energy Conversion and Management</i> , 2021, 235, 113982.	9.2	37
8	The MATLAB Toolbox for EnergyPLAN: A tool to extend energy planning studies. <i>Science of Computer Programming</i> , 2020, 191, 102405.	1.9	27
9	Feasibility analysis of wind and solar powered desalination plants: An application to islands. <i>Science of the Total Environment</i> , 2021, 764, 142878.	8.0	22
10	Towards robust investment decisions and policies in integrated energy systems planning: Evaluating trade-offs and risk hedging strategies for remote communities. <i>Energy Conversion and Management</i> , 2021, 229, 113748.	9.2	20
11	Optimal sizing of stand-alone wind-powered seawater reverse osmosis plants without use of massive energy storage. <i>Applied Energy</i> , 2021, 304, 117888.	10.1	17
12	Design and performance simulation comparison of a wave energy-powered and wind-powered modular desalination system. <i>Desalination</i> , 2021, 514, 115173.	8.2	13
13	Non-Linear Regression Modelling to Estimate the Global Warming Potential of a Newspaper. <i>Entropy</i> , 2020, 22, 590.	2.2	3
14	Computational Intelligence in the Desalination Industry. <i>Springer Optimization and Its Applications</i> , 2019, , 105-131.	0.9	3
15	Experimental analysis of the minimally invasive plate osteosynthesis technique applied with non-locking screws and screw locking elements. <i>Medical Engineering and Physics</i> , 2014, 36, 1543-1548.	1.7	2
16	Wind technology design and reverse osmosis systems for off-grid and grid-connected applications. , 2017, , 73-106.		2
17	Wind Power Integration. , 2022, , 644-720.		2